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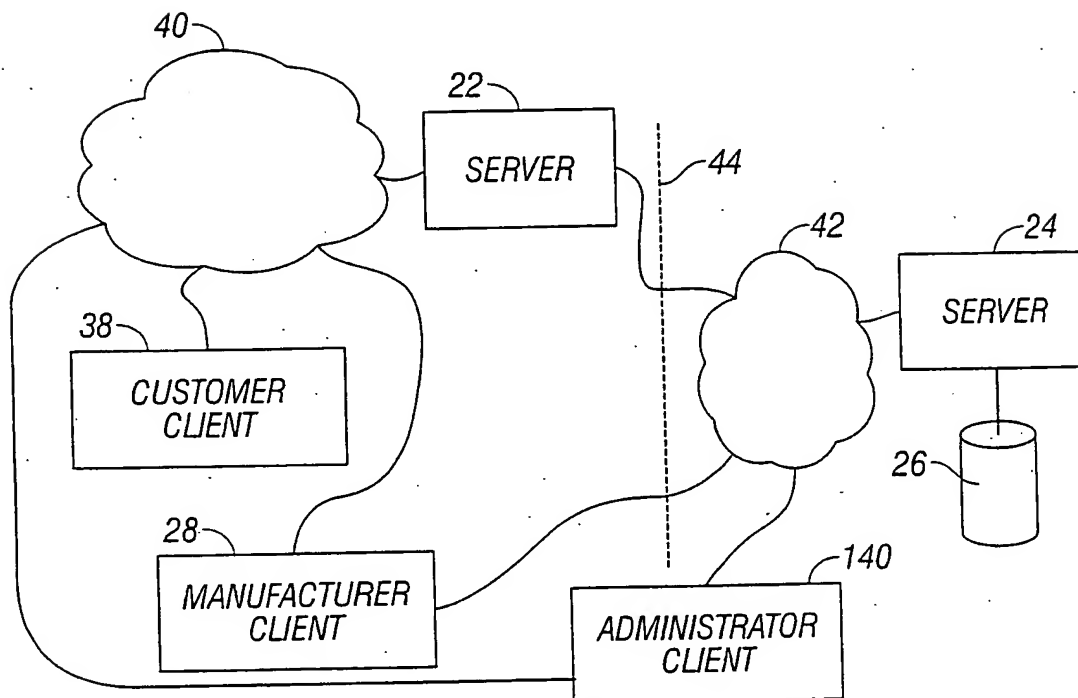


FIG. 1

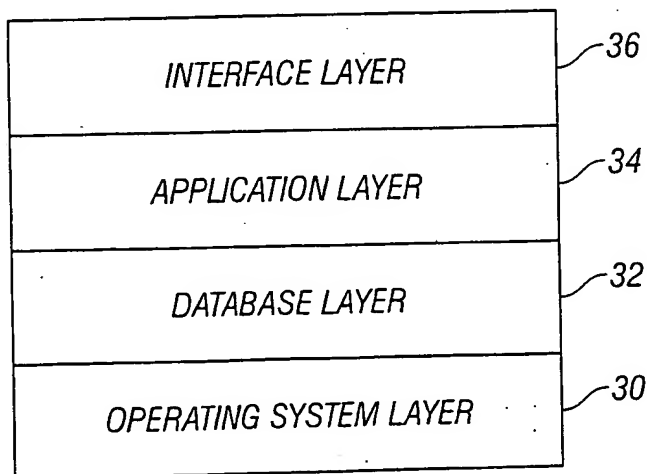


FIG. 2

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COMMERCIAL VEHICLE SYSTEMS
Application Approval Request System

Customer Login

Log in ID: 48

Password: 50

Request a log in ID
Forgot your password?

Problem? E-mail: cvseengineering@dana.com

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FIG. 3

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COMMERCIAL VEHICLE SYSTEMS

Application Approval Request System

If you do not remember your password enter your login ID below. The password will be mailed to your email address that you had specified in the Login Request. If you have any other problems regarding login please [click here](#) to contact the site administrator.

Forgot your password?

Login ID:

Mail Password:

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FIG. 4

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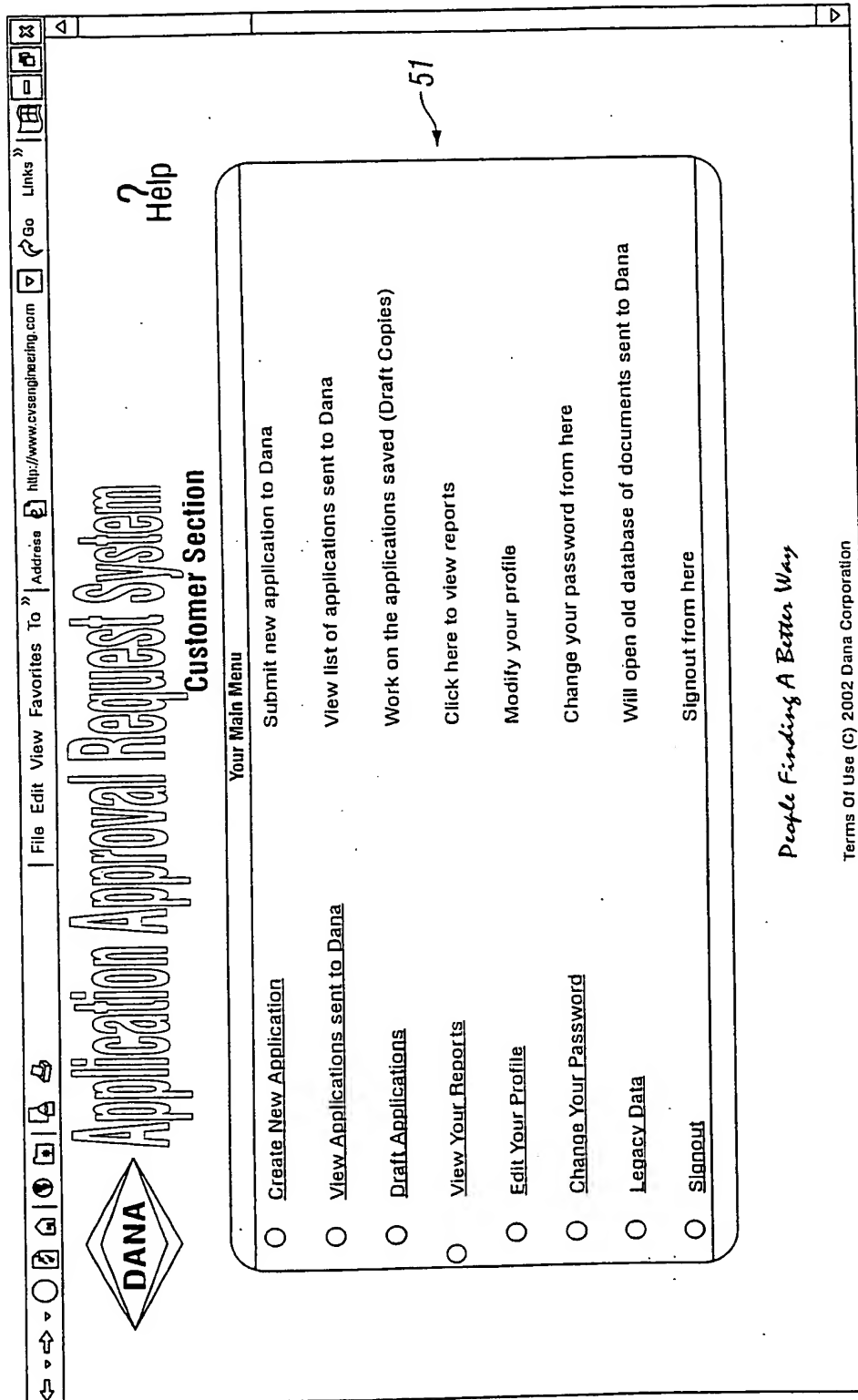


FIG. 5

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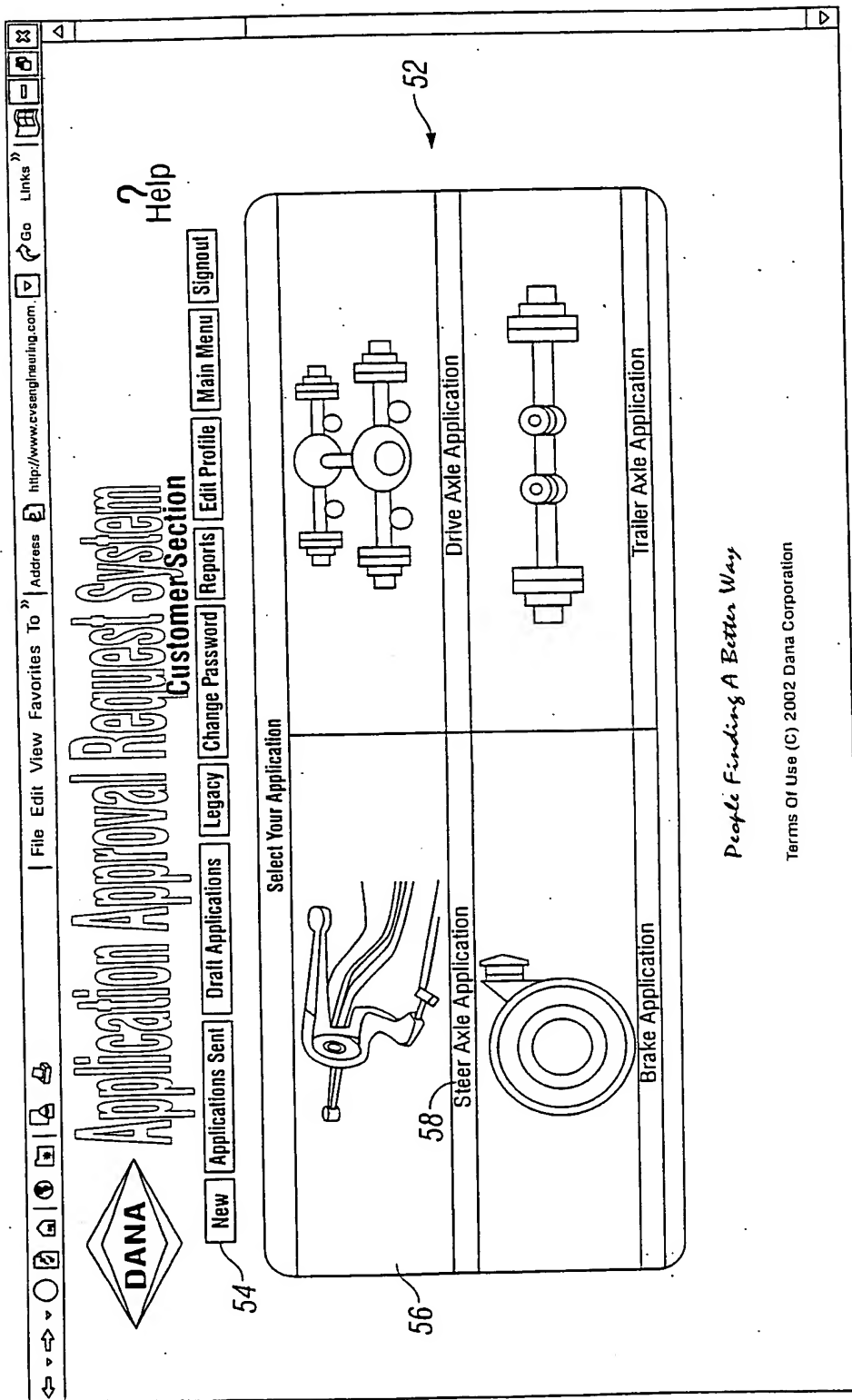


FIG. 6

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DANA Application Approval Request System Customer Section

File Edit View Favorites To Address http://www.cvsengineering.com Go Links

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

66 Proposal Steer Axle Brake 60 Proposal Drive Axle Brake Proposal Aux. Axle Brake
 68 Retarder Suspension Steer Axle Tires Drive Axle Tires Auxiliary Axles Tires
 70 Requesters Info Vehicle Info Operating Conditions Weight Distribution Chassis Info

Select: ☐ Metric Units ☒ English Units

* Name: John Smith
 * Submittal Date: Aug 19 2003 Fax No: 999 999 9999
 * Phone No: 888 888 8888
 * Email: jsmith@abc.com
 Remarks: (max. 500 chara.)

Save And Next

Clicking on save and next will save the application in the draft list.
 After you have filled in all the tabs you will be prompted to send the application to DANA.

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 7

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File Edit View Favorites To Address <http://www.cvsengineering.com> Go Links

Brake Application

* Gray color Indicates filled tabs

| Proposal Steer Axle Brake | | Proposal Drive Axle Brake | | Proposal Aux. Axle Brake | |
|---------------------------|------------|---------------------------|------------------|--------------------------|--------------|
| Retarder | Suspension | Steer Axle Tires | Drive Axle Tires | Auxiliary Axle Tires | Chassis Info |
| Requesters Info | | Operating Conditions | | Weight Distribution | |

66
68
70

74

76

62

60

72

64

* OEM: DANA
* Dealer Stock? Yes : ☐ No : ☐
* End User:
* Chassis/Order No:
* Country Domiciled: USA
State of Registration: - Pull Down To Select -
Vehicle Model:
* Vocation: - Pull Down To Select -
* Vehicle Type: - Pull Down To Select -
Commodity Hauled: - Pull Down To Select -
* Configuration: - Pull Down To Select -
* Drive Steer Axle: Yes : ☐ No : ☐
Axle Ratio:
* Brake Type: ☐ Steer ☐ Drive ☐ Auxiliary
Remarks: (Max. 500 chars.)

(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 8

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Application Approval Request System
 Customer Section

File Edit View Favorites To Address http://www.cvaengineering.com Go Links

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

* Gray color indicates filled tabs

| | | |
|---------------------------|---------------------------|--------------------------|
| Proposal Steer Axle Brake | Proposal Drive Axle Brake | Proposal Aux. Axle Brake |
| Retarder | Steer Axle Tires | Drive Axle Tires |
| Suspension | Operating Conditions | Auxiliary Axle Tires |
| Vehicle Info | Weight Distribution | Chassis Info |

74

76

62

60

66

68

70

64

72

Save And Next

(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 9

FIG. 10

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[New](#)
[Applications Sent](#)
[Draft Applications](#)
[Legacy](#)
[Change Password](#)
[Reports](#)
[Edit Profile](#)
[Main Menu](#)
[Signout](#)

[Applications Sent](#)

Applications Sent

Pending
In Review
Approved
Conditionally Approved
Not Approved

List Of Applications sent to DANA (4)

| Application No. | Category | Date Sent | Make New Application | View Engineers Remarks | View Report | Delete |
|-----------------|------------|-----------|----------------------|------------------------|----------------------|--------------------------|
| AE0006520DA | Drive Axle | Date | New | View | View | <input type="checkbox"/> |
| AE0006303DA | Drive Axle | Date | New | View | View | <input type="checkbox"/> |
| AE0006275DA | Drive Axle | Date | New | View | View | <input type="checkbox"/> |
| AE0006250DA | Drive Axle | Date | New | View | View | <input type="checkbox"/> |

(If check box is clicked, all applications will be selected) ☐ Select all


Delete Checked

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FIG. 11

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Application Approval Request System

Customer Section

[New](#)
[Applications Sent](#)
[Draft Applications](#)
[Legacy](#)
[Change Password](#)
[Reports](#)
[Edit Profile](#)
[Main Menu](#)
[Signout](#)

[Help](#)

File Edit View Favorites To Address <http://www.cvsengineering.com> Go Links

Draft Applications

* If the Sr. No. appears with a green background it indicates that application has been completely filled and can be sent to dana.
 * Please refer this Application No. as temporary Application No. while you are in draft application list.

| Application No. | Category | Application Date | Status | Delete |
|-----------------|------------|------------------|------------------|--------------------------|
| 2363 | Brake | Date 96 | Partially Filled | <input type="checkbox"/> |
| 2353 | Brake | Date | Partially Filled | <input type="checkbox"/> |
| 2352 | Steer Axle | Date | Partially Filled | <input type="checkbox"/> |
| 2351 | Steer Axle | Date | Partially Filled | <input type="checkbox"/> |
| 2338 | Drive Axle | Date | Partially Filled | <input type="checkbox"/> |

(If check box is clicked, all applications will be selected) ☐ Select all

Delete Checked ☐ Delete

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FIG. 12

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Application Approval Request System

File Edit View Favorites To Address <http://www.cveengineering.com> Go Links

Help

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Customer/Section

Drive Axle Application Report:

OSK: DANA

Vehicle Type: -Pull Down To Select-

Configuration: -Pull Down To Select-

Day Cycle: -Pull Down To Select-

Engine Manufacturer: -Pull Down To Select-

Engine Model: -Pull Down To Select-

Suspension Manufacturer: -Pull Down To Select-

Chassis No: -Pull Down To Select-

Engine Gross Torque: 100 lb ft

Transmission Model: -Pull Down To Select-

GCWR: lbs

Tire Size: -Pull Down To Select-

Super Single / Dual:

Drive Axle Traction Options:

Drive Axle Ratio: -Pull Down To Select-

Other:

Other:

Other:

Other:

Other:

Other:

Other:

Max Grade %:

Engine Gross HP: hp

GVWR: lbs

Mounting Center: in

Static Loaded Radius: in

DA Type Reduction:

Drive Axle Model:

End User:

Find:

98

100

People Finding A Better Way

FIG. 13

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| | |
|----------------|----------------|
| <i>ABC CO.</i> | <i>Agent 1</i> |
| <i>DEF CO.</i> | <i>Agent 2</i> |
| <i>GHI CO.</i> | <i>Agent 3</i> |
| <i>⋮</i> | <i>⋮</i> |
| <i>XYZ CO.</i> | <i>Agent N</i> |

FIG. 14

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Help 106

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Application Approval Request System
Engineer Section

New Pending Not Approved Approved Discarded Edit Profile Ties Reports Search Signout

Applications:

| Section | No. of Applications | View |
|----------------------------|---------------------------|------|
| New Applications Received: | No Applications Available | X |
| Pending Applications: | No Applications Available | X |
| Not Approved Applications: | No Applications Available | X |
| Approved Applications: | No Applications Available | X |
| Discarded Applications: | No Applications Available | X |

Search All Applications:

Enter Search Text: (Company name or Application number)

Search By: ☒ Application No ☐ Company Name

Status: ALL

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FIG. 15

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New

Pending

Not Approved

Approved

Discarded

Edit Profile

Ties

Reports

Search

Signout

Applications Approved

Conditionally Approved

| Application No | Company | Category | Rec'd On | Approval Date | Accepted By | View Report | Action | Owner | Delete |
|----------------|----------|------------|-------------|---------------|-------------|----------------------|---------------------------|-------|--------------------------|
| AE0007417DA | Kenworth | Drive Axle | Jun-26-2003 | Jun-26-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007415DA | Kenworth | Drive Axle | Jun-25-2003 | Jun-26-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007412 DA | Kenworth | Drive Axle | Jun-25-2003 | Jun-26-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007408DA | Kenworth | Drive Axle | Jun-24-2003 | Jun-26-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007404DA | Kenworth | Drive Axle | Jun-24-2003 | Jun-26-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007403DA | Kenworth | Drive Axle | Jun-24-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007394DA | Kenworth | Drive Axle | Jun-20-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007392DA | Kenworth | Drive Axle | Jun-20-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007391DA | Kenworth | Drive Axle | Jun-20-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007389DA | Kenworth | Drive Axle | Jun-20-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007390DA | Kenworth | Drive Axle | Jun-20-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007384DA | Kenworth | Drive Axle | Jun-19-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007381DA | Kenworth | Drive Axle | Jun-19-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007378DA | Kenworth | Drive Axle | Jun-19-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |
| AE0007350SA | Kenworth | Steer Axle | Jun-19-2003 | Jun-24-2003 | Carl Meyer | View | Extension | ✓ | <input type="checkbox"/> |

108

110

112

114

116

118

120

Delete Checked>Delete

FIG. 16

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Help

Engineer Section

Search Results (118)

| Application No | Company | Category | Engineer | Application Received Date | View | Status |
|-----------------|--------------|------------|-------------|---------------------------|----------------------|--------------|
| AE0007518DA-124 | Freightliner | Drive Axle | Dick Joslin | 16-Jul-2003-132 | View | APPROVED-136 |
| AE0007514DA | Freightliner | Drive Axle | Dick Joslin | 15-Jul-2003 | View | REJECTED |
| AE0007510DA | Freightliner | Drive Axle | Dick Joslin | 15-Jul-2003 | View | APPROVED |
| AE0007508DA | Freightliner | Drive Axle | Dick Joslin | 15-Jul-2003 | View | APPROVED |
| AE0007506DA | Freightliner | Drive Axle | Dick Joslin | 14-Jul-2003 | View | APPROVED |
| AE0007486DA | Freightliner | Drive Axle | Dick Joslin | 9-Jul-2003 | View | APPROVED |
| AE0007484DA | Freightliner | Drive Axle | Dick Joslin | 8-Jul-2003 | View | APPROVED |
| AE0007475DA | Freightliner | Drive Axle | Dick Joslin | 8-Jul-2003 | View | APPROVED |
| AE0007481DA | Freightliner | Drive Axle | Dick Joslin | 8-Jul-2003 | View | APPROVED |
| AE0007472DA | Freightliner | Drive Axle | Dick Joslin | 7-Jul-2003 | View | APPROVED |

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FIG. 17

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